

**CORRESPONDENCE**

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**"WHAT IS NATURE'S ERROR CRITERION?"**

An answer to Professor Guillemin's query that has probably occurred to many readers by now is:

"Nature does not have an infinite bandwidth."

Thus there are no discontinuities, no Gibbs phenomena, and no error criterion to be applied. The Fourier series is an exact representation of any periodic function not generated by mathematicians.

Sincerely yours,  
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